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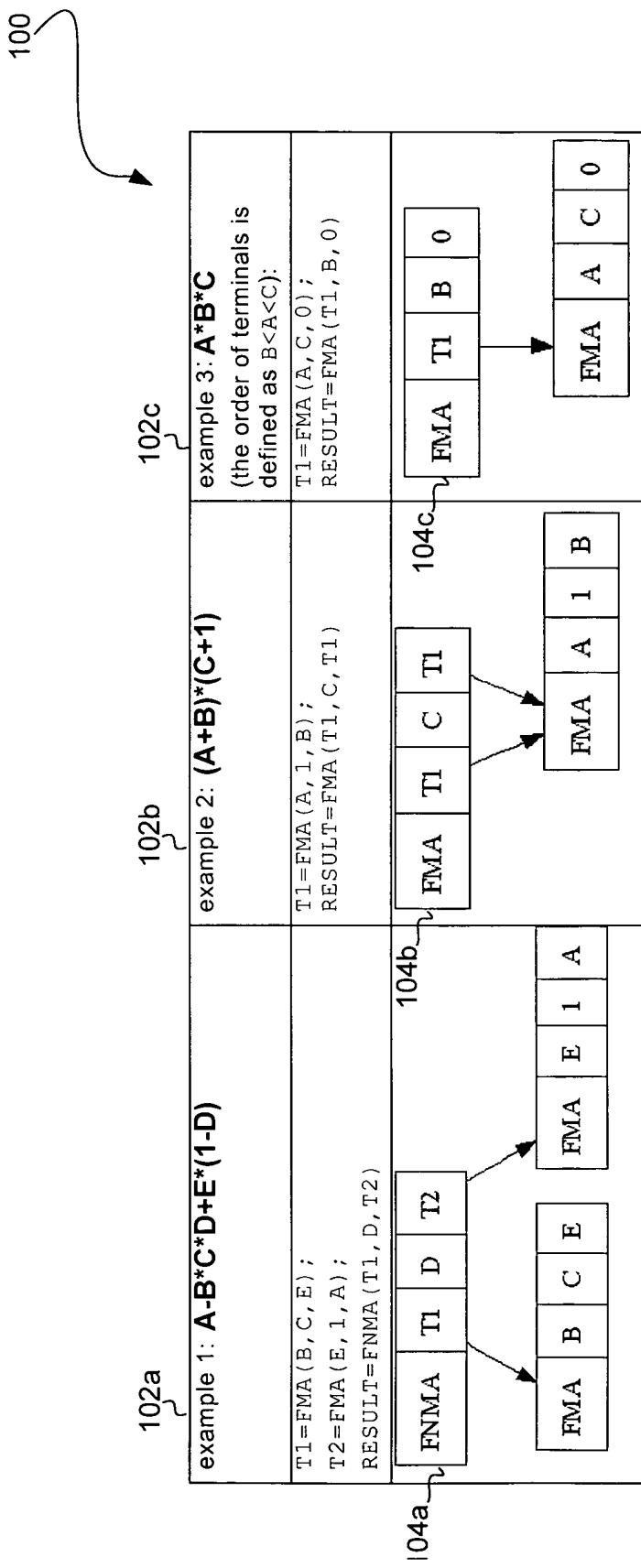
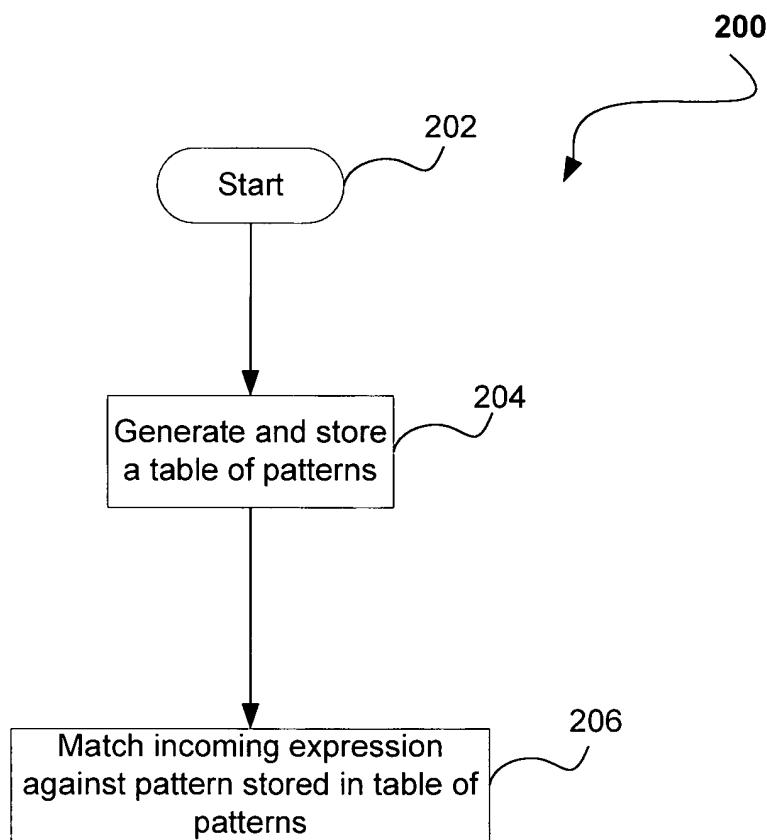


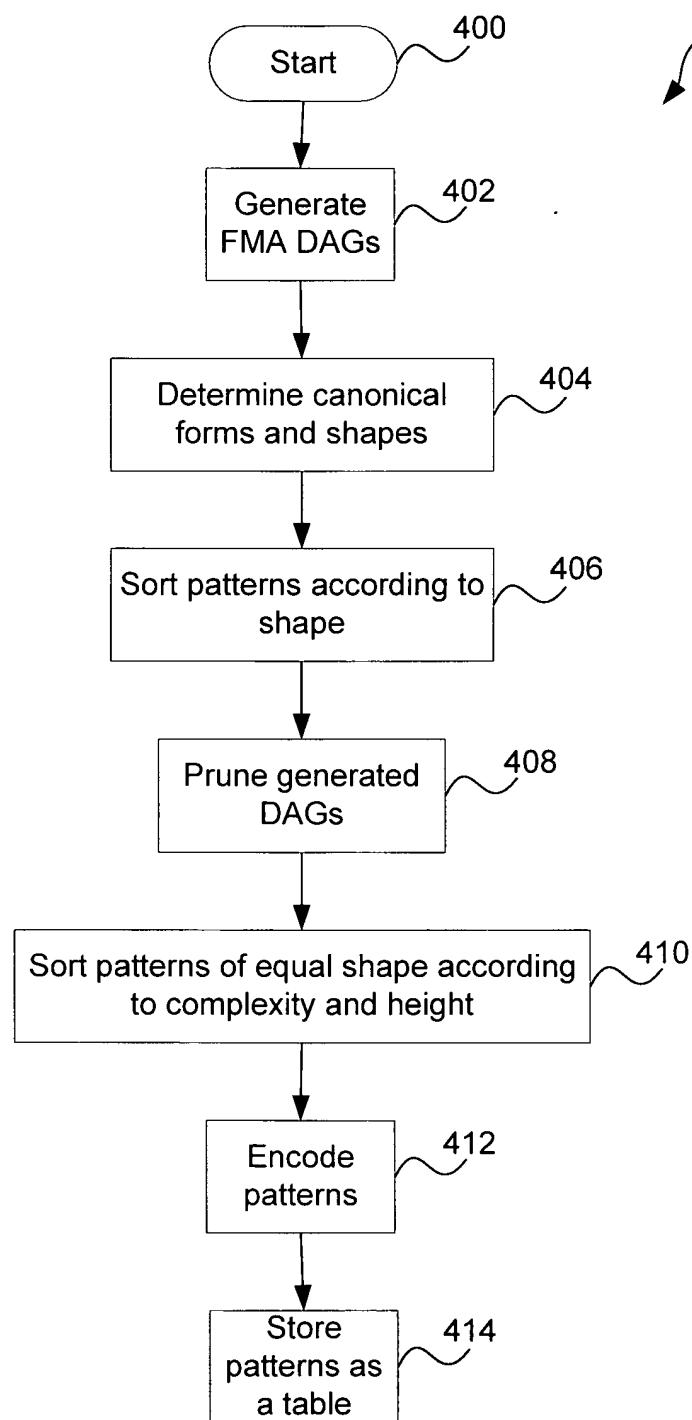
FIG. 1

2/8***FIG. 2***

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PATTERNS		
	Canonical form	Shape (binary form)
302		
a	$F0 : +a * 1 + b$	+a+b
b	$F0 : +F1 * a + b;$	$+acd+ae+b$
c	$F0 : +F1 * a + 0;$ $F1 : +F2 * F2 + 0;$	$+abbcc$
d	$F0 : +F1 * a + F2;$ $F2 : +d * 1 + e;$	$F2 : +b * c + 0;$ $F1 : +b * c + 1;$ $+abc+a+d+e$
e	$F0 : +F2 * a + F1;$ $F2 : +F3 * F3 + c;$	$F1 : +F2 * 1 + b;$ $F3 : +d * e + 0;$ $+addee+ddee+ac+b+c$
304		
306		

FIG. 3

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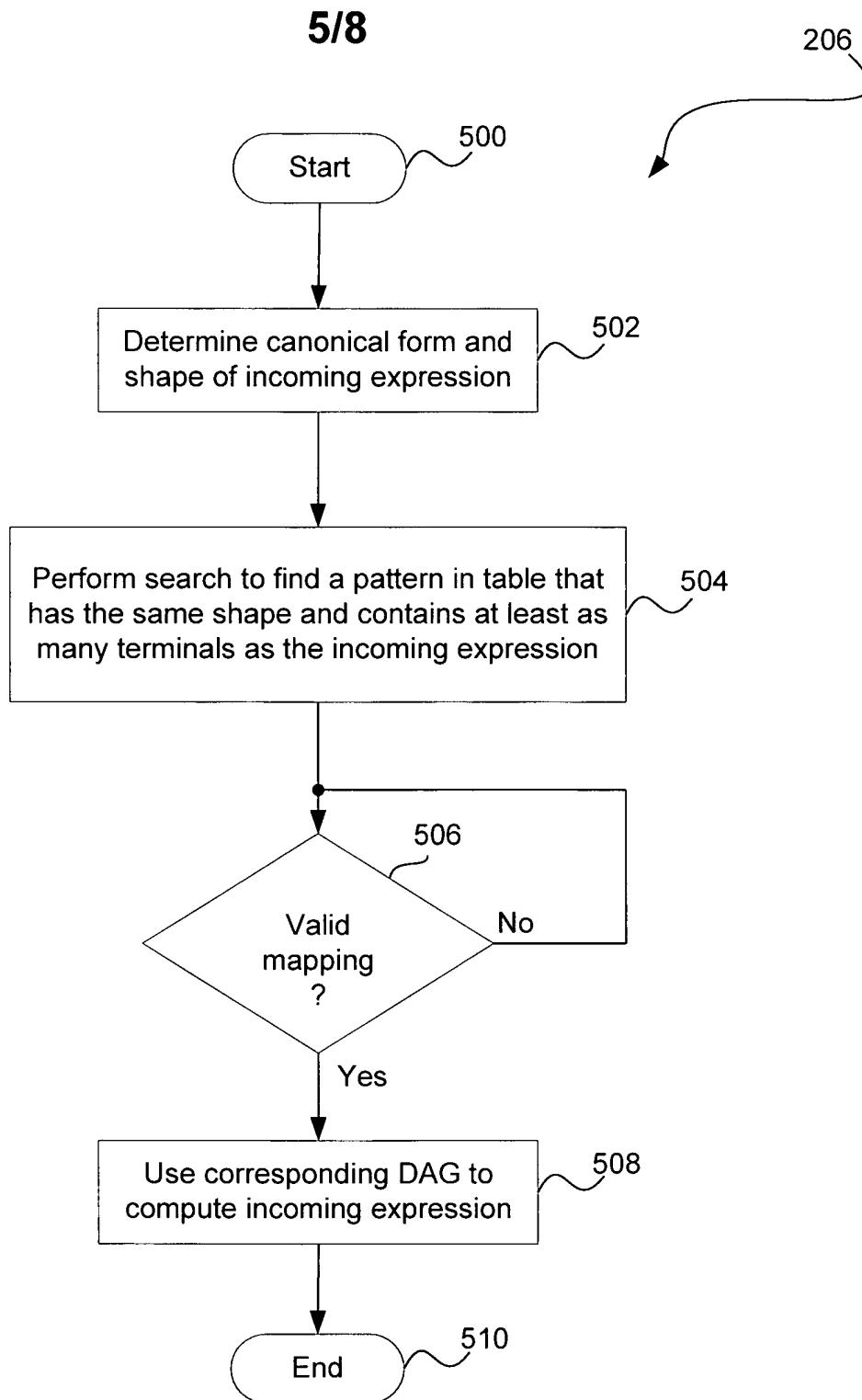
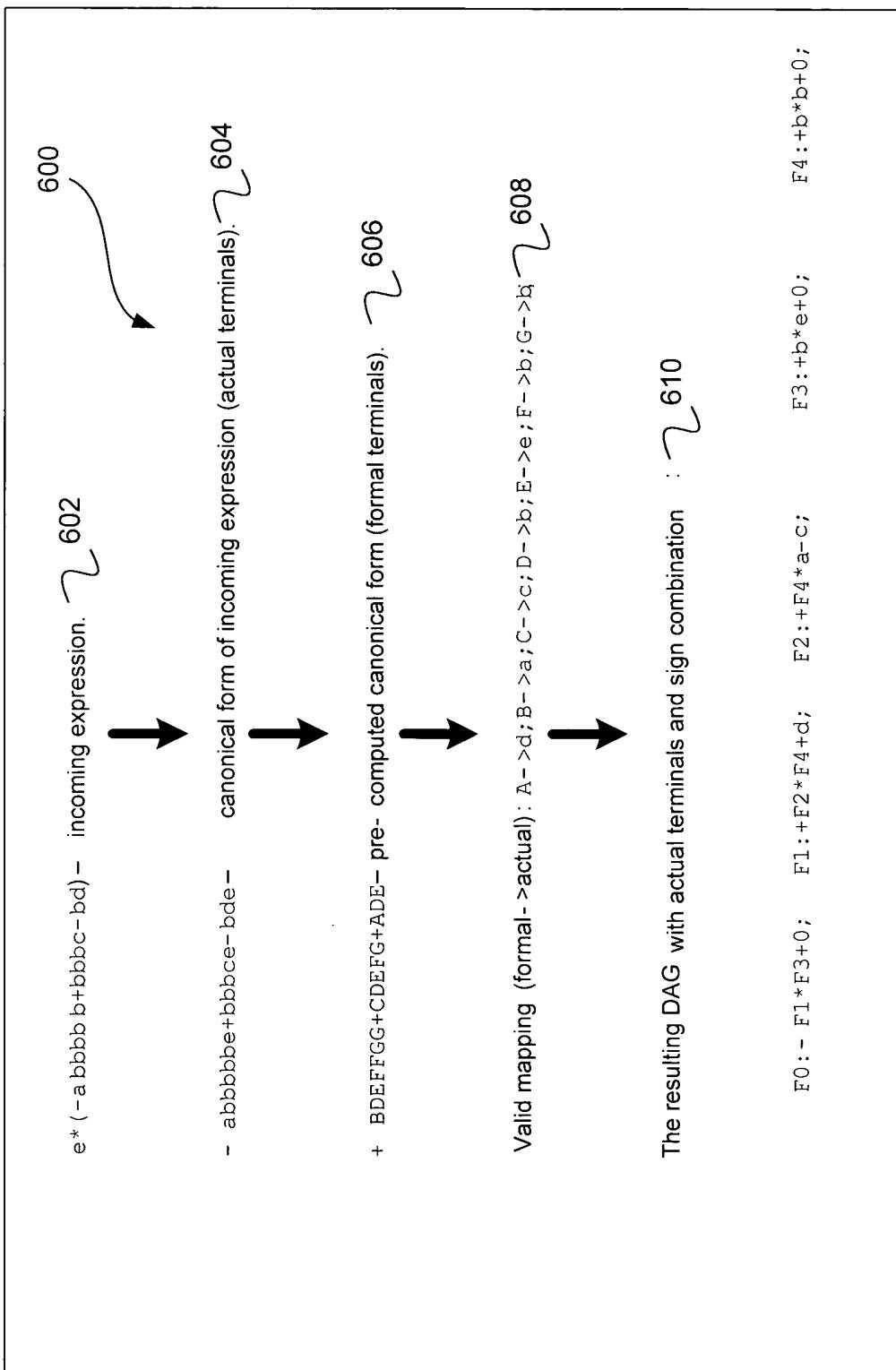


FIG. 5

6/8**FIG. 6**

An Optimal Floating-Point Expression Translation Method Based on Pattern Matching

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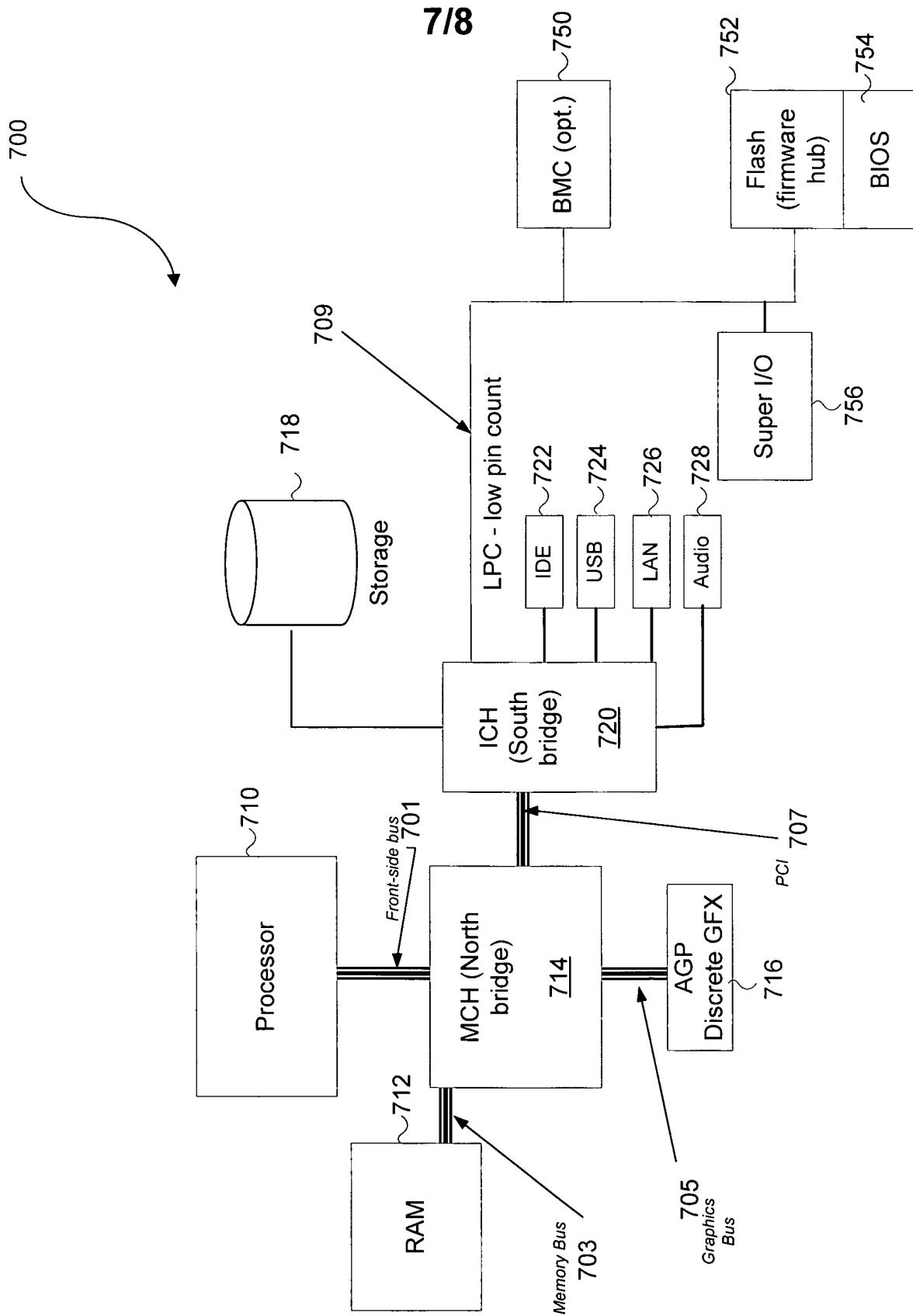


FIG. 7

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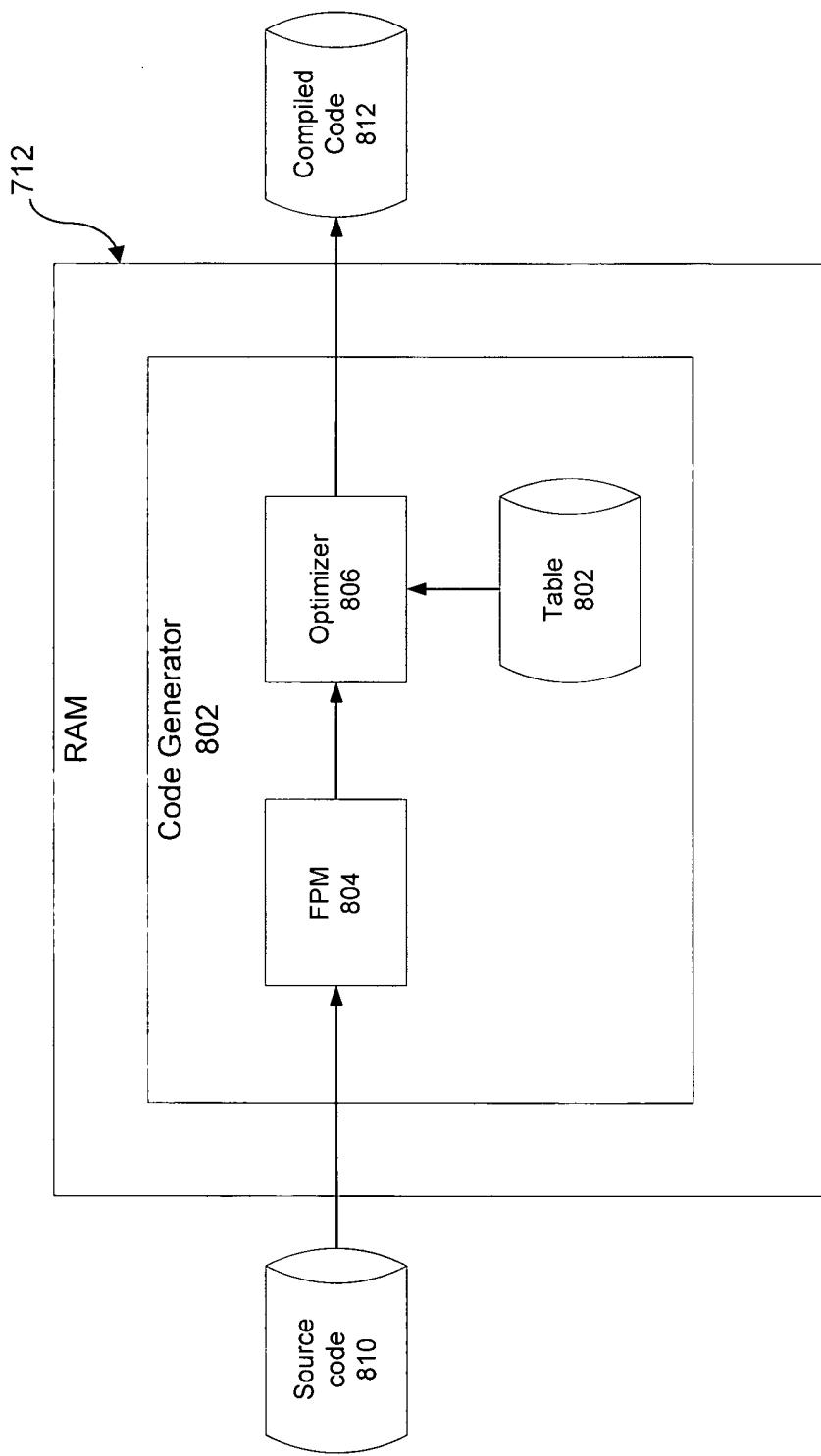


FIG. 8